**Physical Science Describing Motion Outline (Ch.1)**

*Vocabulary*: Define in your own words

Reference point-

Motion-

Displacement-

Speed-

Instantaneous speed-

Constant speed-

Average speed-

Velocity-

Acceleration-

Average acceleration-

**Respond to the following questions/prompts:**

How can you describe the position of an object in 2 dimensions? Explain. (2 pts)

What are a few ways that velocity can change? Give an example for each scenario of how velocity can change. (3 pts)

What are three ways that an object can change acceleration? Give a specific example for each way that an object can change acceleration. (4 pts)

What does a speed-time graph indicate about an object's motion? Be specific in your response. (2 pts)

***ABOUT THE READING:***

Write three things that you learned about Describing Motion*:*

***Make sure to write a full sentence.***

*Example: I learned that velocity is the measure of speed, but with a directional component.*

*1.*

*2.*

*3.*

**ASSIGNED WORK:**

*Write a short paragraph that explains how GPS works. Discuss how information is transmitted between the GPS device and a cell phone tower or satellite. Write in complete sentences. (5 pts)*